

ABSTRACT OF THE DISCLOSURE

An image capturing apparatus comprises a solid image pickup element having pixels for outputting signals, which are logarithmically varied with respect to an incident light intensity, and a voltage controller. Each of the pixels includes a photoelectric conversion element, and a MOS transistor for logarithmic transformation, in which an output from the photoelectric conversion element is input into a drain. The voltage controller can apply, to a source, a reset voltage for resetting the transistor in such a manner that the photoelectric conversion element is operated in a moving object extraction image pickup mode. Furthermore, the voltage controller applies, to the source, the reset voltage for resetting the transistor to a level selected from a plurality of reset levels for moving object extraction image pickup.